IAP10 Rec'd PCT/PTO 13 DEC 2005

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TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER FIS920030128US1 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICAT **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. PCT/US03/19773 INTERNATIONAL FILING DATE 24 June 2003 PRIORITY DATE CLAIMED 24 June 2003 TITLE OF INVENTION PLANAR MAGNETIC TUNNEL JUNCTION SUBSTRATE HAVING RECESSED ALIGNMENT MARKS APPLICANT(S) FOR DO/EO/US Michael C. Gaidis Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). x has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). х An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1,821-1,825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

Items 11 to 20 below concern document(s) or information included:

An Application Data Sheet under 37 CFR 1.76.

A power of attorney and/or change of address letter.

A preliminary amendment.

A substitute specification.

An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

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PTO-1390 (Rev. 07-2005)
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20. Other	items or informati	on:				
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22. X Examination fee (37 CFR 1.492(c))						
If the written opin	ion prepared by It US indicates all cons	\$ 200				
If the written opin IPEA/US Search fee (37 C International Sea previously	rch fee (37 CFR 1 ion of the ISA/US indicates all claim FR 1.445(a)(2)) honal Searching Aurch Report prepar communicated to s	\$ 500				
TOTAL OF 21, 22 and 23 =					1000	
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
		\$1000				
					Amount to be refunded:	\$
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND A	ALL CORRESPONDENCE TO:	James of Call				
2070	CORPORATION Route 52 M/D 482 well Junction, NY 12533	James J. Cioffi				
	,	NAME 51,564				
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DATE OF DEPOSIT: 13 DECEMBER 2005
BY SIGNATURE & DATE: Robert Flow 13-12-05
ROBERT FABER